


AMENDMENTS TO THE CLAIMS


Before the claims, please insert

--WHAT WE CLAIM IS:--

Claim 1 (currently cancelled)

Claim 2 (currently amended)

 A recombinant DNA sequence ~~of~~ comprising the hTFIIIA gene of the human transcription factor hTFIIIA according to claim 1, coding for the amino acid sequence SEQ ID No: 2.

 **Claim 3** (currently amended)

A recombinant DNA sequence ~~of~~ comprising the hTFIIIA gene according to claim + 2, containing the nucleotide sequence SEQ ID No: 3.

Claim 4 (currently amended) (withdrawn)

A recombinant DNA sequence ~~of~~ comprising the hTFIIIA gene according to claim + 2, containing the nucleotide sequence SEQ ID No: 4.

Claim 5 (currently amended) (withdrawn)

A recombinant DNA sequence according to claim 4 having the sequence beginning at nucleotide 176 and finishing at the nucleotide 1270 of SEQ ID No: 3.

Claim 6 (currently amended) (withdrawn)

A recombinant DNA sequence coding for the human transcription factor hTFIIIA according to claim 1 2 as well as the DNA sequence which hybridize with it and/or show a significant homology with this sequence or fragments of it and which code for a protein with the same function.

Claim 7 (currently amended) (withdrawn)

A recombinant DNA sequence according to claim 1 2 comprising modifications introduced by suppression, insertion and/or substitution of at least one nucleotide coding for a protein with the same biological activity as human transcription factor hTFIIIA.


Claim 8 (currently amended) (withdrawn)

A recombinant DNA sequence according to claim 1 2 as well as similar DNA sequences which have nucleotide sequence of homology of at least 50% or at least 60% and preferably at least 70% with the said DNA sequence.

Claim 9 (currently amended) (withdrawn)

A recombinant DNA sequence according to claim 1 2 as well as similar DNA sequences which code for a protein, the AA sequence of which has a homology of at least 40% ~~and in particular 45% or at least 50%, rather at least 60% and preferably at least~~ 70% with the AA sequence coded by the said DNA sequence.

Claim 10 (currently amended) (withdrawn)

 ~~Polypeptide~~ A polypeptide having the function of human transcription factor hTFIIIA and with the amino acid sequence SEQ ID No: 2 coded by the DNA sequence according to claim 1 2 and the analogues of this polypeptide.

Claim 11 (currently amended)

~~Process~~ A process for the preparation of the hTFIIIA recombinant protein having the amino acid sequence SEQ ID No: 2 comprising the expression of the DNA sequence according to claim 1 2 in an appropriate host, then isolation and purification of the said recombinant protein.

Claim 12 (currently amended)

~~Expression~~ An expression vector containing the recombinant DNA sequence according to claim 3.

Claim 13 (original)


Host cell transformed with a vector according to claim 12.

Claim 14 (original) (withdrawn)

Plasmid deposited at the CNCM under the number I-2071.

Claims 15 and 16 (previously cancelled)

Claim 17 (currently amended)

 A method of treating a disease linked to transcription control disorders in warm-blooded animals comprising administering to warm-blooded animals in need thereof an amount of the recombinant DNA sequence of claim 1 2 or in the human transcription factor coded by the sequence sufficient to treat said diseases.

Claim 18 (previously added)

The method of claim 17 wherein the disease is cancer.
